

Title (en)

Ribbon monitoring system for printers.

Title (de)

Bandüberwachungssystem für Drucker.

Title (fr)

Système de contrôle à ruban pour imprimantes.

Publication

**EP 0053266 A1 19820609 (EN)**

Application

**EP 81108568 A 19811020**

Priority

US 21188680 A 19801201

Abstract (en)

In a printer that uses a prthead (22 min ) with multiple electrodes (56) for supplying current to a ribbon (24 min ), the electrode voltage levels for a plurality of non-adjacent electrodes are combined to provide a resultant voltage level that is examined in threshold detector (72) to detect abnormalities. By so combining voltages, insignificant excursions in electrical characteristics as might result from minor ribbon imperfections are generally eliminated from the triggering of a shutdown response, while still retaining a rapid response for preventing further heat generation in those situations where a serious ribbon failure has occurred.

IPC 1-7

**B41J 35/36**

IPC 8 full level

**B41J 35/36** (2006.01)

CPC (source: EP US)

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DOCDB simple family (publication)

**EP 0053266 A1 19820609; EP 0053266 B1 19840404**; CA 1172333 A 19840807; DE 3162985 D1 19840510; JP S5793190 A 19820610; JP S5851837 B2 19831118; US 4375339 A 19830301

DOCDB simple family (application)

**EP 81108568 A 19811020**; CA 390744 A 19811124; DE 3162985 T 19811020; JP 12950381 A 19810820; US 21188680 A 19801201